Mano Sriram

Backend Engineer

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Hyperlinks at appropriate places.

INTERESTS

Backend engineering, Low-Level engineering (compilers, tools)

EXPERIENCE

Backend Engineer   January 2023 – Present
Credshields   ***credshields.com***
- Implemented and shipped product's organization feature end-to-end
- Responsible for entire django backend and few other microservices
- Handle bug fixes and maintenance

Product Engineer 1 - Backend   August 2022 – November 2022
SquadStack   ***squadstack.com***
- Worked on Top-of-the-funnel (TOF) feature, decreasing onboarding time for users
- Worked on moving the 3rd party speech assessment module to inhouse module
- Responsible for user-facing features, bugs, and fixes

Software Development Engineer 1   August 2021 – August 2022
Netbook   ***netbook.ai***
- Built multiple Microservices from scratch - go and python
- Responsible for Environments module, which adds a custom docker image layer to existing docker image
- Implemented log streaming feature using go routines and channels for streaming logs between Kubernetes Pod and client
- Responsible for automation of workspace deployment using Kuberenetes, Helm charts and Docker

PROJECTS

nimbusdb | *Go*   November 2023 - Present
- Persistent Key-Value store based on Bit Cask paper.
- Implemented features like custom-expiry, batch-writes, block-cache, and more.
- Made the application thread-safe using mutex locks.

mydevfriend | *NodeJS, React, MySQL*   November 2020 - January 2021
- Founded the platform to help programmers find pair-programming partners.
- Implemented Messaging System, Random Match.
- Used CI/CD to automatically deploy codebase onto EC2.
- Built the MVP in 1.5 months.

Filebound | *NodeJS, React, AWS*   April 2020 – May 2020
- File Sharing Website which generates URL on files-upload.
- Expiration of URL ranging between 5 mins to 2.5 hours or 1 to 10 downloads.
- Used S3 and DynamoDB for Storage

TECHNICAL SKILLS

Programming Languages	Golang, Python, Rust, C++, and JavaScript
Frameworks	Gin-Gonic, Django, ExpressJS
Tools	gRPC, Protocol Buffers, Kubernetes, Docker, Git, Vim
Databases	MongoDB, MySQL